Strom Auditorium Technical Specifications

GENERAL INFORMATION

Telephone Numbers: (207)236-7800 ext. 264 Rick Ash Auditorium Manager/Technical Director
236-7813 FAX

Directions and Parking: Camden Hills Regional High School is located on the north side of Route 90 in Rockport. Maine, two miles east of Route17, one mile west of Route 1. Ample parking is available. Please call ahead to make arrangements for equipment load-in and parking for trucks and buses.

FACILITY INFORMATION

Seating Capacity: 816+ 10 wheelchair locations = 826

Venue Type: Proscenium theater - no balcony. Auditorium seating is American style with a raked floor. See seating plan for more details.

Theater Dimensions:

Proscenium:	Height: 17′-0 ″	Width: 39′ to 55′-6″
Grid Height:	34′-9″	
Maximum Trim Height:	30′-3″	
Stage Depth:	Plaster Line to upstage wall:	29′-6″
	Center apron to back wall:	45′-6″
	Center apron to house curtain:	16′
Stage Height:	3′-0″ above house floor	
Orchestra Pit Depth:	4′-6″ below stage level	

Load-in Door Into building: 32″ x 80″ -larger if post(s) removed.
Onto stage: 8′ x 12′

Stage Features:
-Full sized orchestra pit. Pit height is not moveable/adjustable
-Proscenium opening is equipped with two tormentor panels that can reduce the opening to a minimum of 39′-0″
-House curtain is rigged on lineset #2 and can be tabbed but not flown. The curtain is red velour.
-There are no stage floor traps.

Dressing Rooms: There are two dressing rooms located directly behind the stage on the same level off of the Black Box Theater. Each room is equipped with a full-sized ADA compliant shower and rest room, mirrors and counter for makeup. Each room can accommodate approximately 8 performers. No "star" dressing rooms are available. The Black Box generally handles any overflow.

Green Room: The Black Box serves as the Green Room.

Hospitality: Food and beverages are available in the Wave Cafe. Please contact mark_vogt@fivetowns.net for questions about hours and catering services.

TECHNICAL SYSTEMS

LIGHTING

Stage Lighting: The system consists of 164 ETC Sensor 2.4kw dimmers
-Control is an ETC Express 48/96. No RFU is available, but the console may be operated from a number of locations in the theater including backstage.
-There are no front-of-house transfers.
-Full inventory of ETC Source Four ERS, PAR 64's, and 6" Fresnels.
-Lighting positions and circuits are indicated on theater ground plan.
-The lighting control booth is located in the rear of the auditorium.

Stage Lighting Equipment Inventory

ITEM	NUMBER	MANUFACTURER	NOTES
Source 4	113	ETC	
S4 10deg Barrels	6	ETC	
S4 19 deg Barrels	15	ETC	
S4 26 deg Barrels	45	ETC	
S4 36 deg Barrels	40	ETC	
S4 50 deg Barrels	12	ETC	
6" Fresnels	21	Altman	750W
Source4 Par	15	ETC	750W
Par 64	25	WFL/MFL	1000W
Twofers	28		20A twistlock
Cable	2	ETC	100' 6-circuit multi-cable
	4		100' (12/3)
	4		50' (12/3)
	15		25' (12/3)
	10		under 10' (12/3)
Sidearms	11	Altman	12"
	23	Altman	18"
	13	Altman	24"
Far Cyc lights	6	Altman	3-cell
Followspots	2	Great Performances FS400	1000W
Template holders	35	City Theatrical	10A/25B
Iris kits	5	City Theatrical	
Donuts	15	6"	
Tophat	25		Full
Barndoors	20		PAR 64
	14		Fresnel

House Lighting System: -The system consists of both compact flourescent and incandescent lighting fixtures.
-All circuits are controlled by ETC Unison 2.4kw dimmers.
-Control of the system is available in the control booth and backstage right. Additional touch-pads are located by the house doors.
-Control for incandescent lights is also available via the stage lighting

system with DMX address # 193-203.

SOUND

House Sound System:

-While the house is large, the acoustics are excellent and sound reinforcement can be kept to a minimum.
-The house sound system is a monaural center cluster system with four delayed fill speakers for the upper levels of the house. There are feeds backstage for additional left and right channels.
-Stage foldback moniter system with two pairs of Speakon connection points on stage driven by a 400w/ch QSC amp. The signal is fed to the system from the aux outputs #1 and #2 on the house mix console. These outputs simultaneously feed back stage XLR-M connector point to allow the use of powered monitors and aux outputs #3 and #4 may be configured as additional monitor feeds via the patch bay and tie-line infrastructure. Two E/V Force 12 passive monitors are available.
-The house sound system has a useable frequency bandwidth of 40-16,000Hz and a dynamic range of over 97db across the entire bandwidth.
-Full audio fidelity is available to untrained users via the Auto-mix system provided by a Shure SM-810 auto-mixer which is fed by 6 unique mic lines and two Telex wireless mics.
-A complete two-channel Clear-Com intercom is available with connection points throughout the theater and its supporting spaces. See below for inventory.
-Stage monitor system which is fed by the house sound system provides monitoring in the Black Box, Music and Chorus Rooms, and the Stagecraft Room. Please not that this system is only fed by the house sound system; there is no provision for a stage monitor microphone.
-The sound control booth is located in the rear of the auditorium. An additional house mix location is available in the center of the house. All mic, output, intercom, and source connections are available at the house mix location. Please note that if this location is used, the control booth location is not usable due to the interconnect lines to the house mix location.

Sound equipment inventory:

Mixer:	DDA 40x4x2 LCR mixing console Yamaha LS9-16 digital mixing console
Compact Disc:	Marantz PMD-370 5 disc CD player/changer
Cassette:	Marantz PMD-510 dual cassette deck
Equalization:	Sabine GQR-3102 dual channel 1/3 octave w/feedback elim. 2 x 31-band Symetrix 533E Equalizers
Effects/Delay:	M-One TC Electronics Effects Processor.
Compression:	8 channel Presonus ACP 88
Amplification:	7 x QSC CX Series amps of various sizes delivering over 5kw to house speaker systems.
Speakers:	1 x JBL VS3215-6 central cluster system (3-way, plus subwoofer, multi-amped)
Microphones:	4 x Shure SM94-LC instrument mics 1 x EV N/D 478 instrument mic

1 x EV N/D86 instrument mic
2 x EV N/D468 instrument mics
7 x Sennheiser 835 vocal mics
2 x Shure BG5.1 vocal mics
2 x Shure BG4.1 instrument mics
2 x Audio-Technica ATM33a instrument mics
1 x Telex LT100 lavalier wireless vocal mic (or handheld)
1 x Telex SH100 handheld wireless mic

Clear-Com:
8 x headsets
8 x beltpacks (2 ch)
3 x wall stations (LBO,SBO, and Box Office)
1 x SM station (with dressing room announce)

RIGGING

Rigging:

-The theater is not equipped with a grid iron, pin rails, or loading rails. There are no provisions for spot line rigging.
-Linesets are controlled from either back stage right or stage left from stage level.
-All linesets are 60' long with 8 hoist cables with 1,000 lb. t-track guided arbors.
-There are no provisions for rigging points for chain motors, etc.

Lineset Schedule:

Lineset #	Distance to plaster	Purpose	Notes	Operated from
--	0'-0"	Plaster Line		
1	1'-1"	Valance	Red velour	Dead hung
2	2'-0"	House Curtain Traveler	Red velour (dead hung)	SL
3	3'-11"	#1 Electric	30 stage load circuits	SL
4	6'-1 1/2"	Movie Screen	Permanently installed	Dead hung
5	6'-6"	#1 Legs	Hung on swivel traveler	Dead hung
6	7'-5"	#1 Border	B lack velour w/50% fullness	SR
7	8'-5"	General Purpose		SR
8	9'-5"	#2 Electric	15 stage load circuits	SR
9	10'-8"	#2 Legs	Hung on swivel traveler	Dead hung
10	12'-1"	#2 Border	B lack velour w/50% fullness	SL
11	13'-0"	General Purpose		SL
12	14'-0"	Mid-stage Traveler	Full stage black velour	Dead hung
13	14'-10"	#3 Electric	15 stage load circuits	SL
14	15'-7"	#3 Legs	Hung on swivel traveler	Dead hung
15	16'-9"	#3 Border	B lack velour w/50% fullness	SR
16	17'-9"	General Purpose		SR
17	18'-6"	#4 Electric (Cyc Elec.)	12 stage load circuits	SR
18	19'-4"	#4 Legs	Hung on swivel traveler	Dead hung
19	20'-11"	Upstage Traveler	Full stage black velour	Dead hung
20	22'-11"	White Leno Cyc		Dead hung

OTHER SYSTEMS

Electrical Service: A 400 amp 3 -phase 208/120 service is available. Two breakered 50 amp range plug receptacles (NEMA #14-50) are available.

Hearing Assistance System: The house sound system is connected to a Williams Sound hearing assistance syatem utilizing a Williams sound PPA-T4 FM transmitter to a maximum of nine available Williams Sound PPA-R7-6 FM receivers. The transmitter receives an audio signal from the house mixing console and broadcasts it via a low-power FM carrier signal. The antenna is mounted on the front wall of the Control Booth.

House Video System:

-Six camera positions available along the front of the stage, backstage, and in the house with video and communications connections to the Control Booth and the Video Control/Edit room.

-Video projector may be located in either Control Booth or house mix location.

-Video projector (not supplied) may be fed by either the VTR, CATV, other aux sources via video tie-lines, or through an available VGA adapter located either in the Control Booth, house mix position or at the front of the stage.

-There are twelve video tie lines that connect the Control Booth with backstage left and right and the house mix location. These BNC connections are fed to a video patch bay in the Control Room.

-The current available equipment is as follows:

Sony SVO-1630 VHS VTR/VCR
Panasonic CT-1368VY monitor/receiver
Creston ST-TUNE TV/CATV tuner
Extron VGA computer interface

-A motorized projection screen is located at Lineset #4. The screen is controlled from off stage right and the Control Room.

Box Office/House Management:

-The Box Office is located just to the left of the main entrance to the auditorium (on your left as you enter the building through the main entrance).

-The Box Office is equipped with one ticket window, intercom/monitor, and computer network connections.

-Box Office and house management staff are responsibility of the producing organization. Theater management can provide with prior arrangement, a full front-of-house staff. The producing organization will be charged for these services. Arrangements for these services need to be made in advance.